

METHOD FOR IDENTIFYING A DETACHABLE COVER OF A PORTABLE COMMUNICATIONS DEVICE

Abstract

A portable communications device includes a transceiver module and a cover detachably installed on the transceiver module. The cover contains magnetic media disposed on the cover, the magnetic media emitting a magnetic flux for identifying the cover. The transceiver module includes a magnetic sensor for measuring the magnetic flux emitted by the magnetic media and generating a corresponding output signal and a control circuit for receiving the output signal from the magnetic sensor and determining an identification of the cover based on the received output signal.